



Water-Data Report NV-2005

10322150 MARYS CREEK AT CARLIN, NV

HUMBOLDT RIVER BASIN, UPPER HUMBOLDT RIVER BASIN

LOCATION.--Lat 40°42'38", long 116°07'30" referenced to North American Datum of 1927, in SE ¼ SE ¼ sec.28, T.33 N., R.52 E., Elko County, Hydrologic Unit 16040101, on left bank, 0.7 mi above confluence with Humboldt River, and 1.1 mi southeast of Carlin.

DRAINAGE AREA.--45.4 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Nov 1989 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 4,930 ft above National Geodetic Vertical Datum of 1929, from topographic map. Prior to Jun 3, 1992, at datum 2.0 ft higher.

REMARKS.--Records poor. Discharge affected by intermittent pumping for Carlin water system, and beaver dam activity.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 422 ft³/s, May 16, 2005, gage height, 8.24 ft; minimum daily, 0.11 ft³/s, Sep 18, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 422 ft³/s, May 16, gage height, 8.24 ft; minimum daily discharge, 1.7 ft³/s, Aug 25.

10322150 MARYS CREEK AT CARLIN, NV—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES
[*e*, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.8	7.3	5.4	5.2	4.0	4.4	11	34	4.9	5.2	2.6	3.0
2	4.8	7.1	5.2	5.2	4.2	4.5	26	28	4.6	5.7	2.6	3.0
3	4.9	6.9	5.2	5.1	4.1	4.5	27	23	5.3	5.4	2.7	3.4
4	4.8	6.8	5.2	5.1	4.1	4.5	23	20	6.1	5.2	3.1	3.6
5	4.7	6.7	5.2	5.0	4.2	4.5	14	20	6.1	6.1	3.1	3.8
6	4.7	6.3	5.3	4.9	4.2	4.6	29	23	5.6	5.8	3.2	4.0
7	4.7	5.9	5.4	4.9	4.1	4.9	48	23	5.4	5.8	2.9	4.0
8	4.6	5.6	5.1	4.9	4.1	6.3	40	21	4.7	5.1	2.8	4.3
9	4.5	5.2	5.5	4.8	4.1	e24	32	43	5.7	5.0	3.1	4.5
10	4.6	5.2	5.5	4.8	4.1	e48	22	31	6.7	5.0	3.5	4.9
11	4.6	4.8	5.5	4.7	4.2	e50	17	46	6.9	4.3	3.4	5.0
12	4.6	4.6	5.4	4.7	4.1	e62	20	91	6.9	4.5	3.4	5.1
13	4.5	4.4	5.4	4.7	4.1	e45	26	74	6.1	4.6	3.3	4.9
14	4.4	4.4	5.4	4.7	4.2	e23	20	62	6.3	4.6	3.2	4.7
15	4.4	4.4	5.4	4.6	4.1	e18	16	52	6.1	4.3	3.5	4.5
16	4.6	4.8	5.4	4.5	4.1	e15	17	117	6.2	3.9	3.9	e4.4
17	4.5	5.3	5.4	4.5	4.2	e11	18	94	5.7	3.9	4.1	e4.4
18	4.6	5.4	5.3	4.4	4.1	e15	25	60	5.5	3.7	5.1	e4.3
19	4.6	5.5	5.4	4.3	4.1	33	22	43	5.7	3.1	4.9	e4.3
20	4.6	5.5	5.4	4.4	4.1	26	21	36	5.2	2.5	5.4	e4.3
21	4.5	5.6	5.4	4.3	4.1	12	17	25	5.3	2.6	4.5	e4.5
22	4.4	5.6	5.3	4.2	4.1	21	17	19	5.2	2.6	3.1	e5.0
23	4.4	5.8	5.3	4.2	4.2	48	20	15	5.3	2.6	2.4	e4.6
24	4.3	5.7	5.2	4.2	4.2	24	46	12	5.1	2.6	2.1	e4.4
25	4.2	5.8	5.3	4.1	4.3	16	88	9.5	5.1	2.6	1.7	e4.4
26	4.6	5.5	5.2	4.1	4.4	14	70	8.7	4.9	2.6	1.9	e4.3
27	5.9	5.5	5.3	4.1	4.3	22	61	7.3	5.3	2.5	2.0	e4.3
28	6.4	5.1	5.0	4.0	4.4	41	59	7.4	5.6	2.5	2.1	e4.3
29	7.0	4.9	5.1	3.9	---	18	49	7.9	5.5	2.5	2.2	e4.3
30	7.4	5.1	5.2	3.9	---	10	42	6.3	5.5	2.6	1.8	e4.4
31	7.4	---	5.3	3.8	---	7.0	---	5.7	---	2.6	2.4	---
Total	153.0	166.7	164.6	140.2	116.5	641.2	943	1,064.8	168.5	122.0	96.0	128.9
Mean	4.94	5.56	5.31	4.52	4.16	20.7	31.4	34.3	5.62	3.94	3.10	4.30
Max	7.4	7.3	5.5	5.2	4.4	62	88	117	6.9	6.1	5.4	5.1
Min	4.2	4.4	5.0	3.8	4.0	4.4	11	5.7	4.6	2.5	1.7	3.0
Ac-ft	303	331	326	278	231	1,270	1,870	2,110	334	242	190	256

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	4.63	5.38	4.92	5.32	5.47	12.1	8.60	7.42	4.18	3.96	3.80	4.26
Max	8.59	8.90	9.55	14.8	16.6	43.9	31.4	34.3	7.62	10.0	5.88	10.6
(WY)	(2001)	(1998)	(2003)	(1997)	(1996)	(1993)	(2005)	(2005)	(1999)	(2002)	(2001)	(1998)
Min	2.13	3.47	2.21	2.85	1.78	3.16	2.64	1.90	1.36	1.60	2.34	1.11
(WY)	(1993)	(1992)	(1997)	(1993)	(1993)	(1994)	(1992)	(1992)	(1991)	(1991)	(1992)	(2002)

10322150 MARYS CREEK AT CARLIN, NV—Continued**SUMMARY STATISTICS**

	Calendar Year 2004		Water Year 2005		Water Years 1990 - 2005	
Annual total	2,065.5		3,905.4			
Annual mean	5.64		10.7		5.97	
Highest annual mean					10.7	2005
Lowest annual mean					2.75	1992
Highest daily mean	36	Mar 17	117	May 16	400	Mar 17, 1993
Lowest daily mean	2.8	Jan 13	1.7	Aug 25	0.11	Sep 18, 2002
Annual seven-day minimum	2.9	Jan 8	2.0	Aug 24	0.17	Sep 13, 2002
Maximum peak flow			422	May 16	422	May 16, 2005
Maximum peak stage			8.24	May 16	8.24	May 16, 2005
Annual runoff (ac-ft)	4,100		7,750		4,320	
10 percent exceeds	7.0		25		8.7	
50 percent exceeds	4.4		5.1		4.5	
90 percent exceeds	3.2		3.4		2.5	